### STATE OF MAINE DEPARTMENT OF TRANSPORTATION

### **SPECIFICATIONS**

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Seventh Edition 2014 with 2015 Interim Revisions.

### DESIGN LOADING

Live Load HL - 93 Modified

### TRAFFIC DATA

Current (2014) AADT 6,848
Future (2034) AADT 9,587



### LIST OF DRAWINGS

Title Sheet	
Armored Joint Plans	
Joint Sections.	
Steel Details	

## LEWISTON ANDROSCOGGIN COUNTY VETERANS MEMORIAL BRIDGE RAMP 'A' OVER

### MAINE CENTRAL RAIL ROAD

BRIDGE NO. 1370

# Bridge #1370 Veterans Memorial Bridge Ramp 'A'

### MAINTENANCE OF TRAFFIC

Maintain one 12'-0" wide lane of one - way traffic using temporary traffic control barriers.

PROJECT LOCATION	Ramp 'A' Exit from Vietnam Veterans Memorial Bridge over Maine Central Rail Road in Lewiston. Lat./Long. 44º6'45.6" N 70º12'37.3" W
PROGRAM AREA	Bridge and Structure Maintenance
OUTLINE OF WORK	Replace existing Armored Joint and Seal with New Joint and Seal.

### MATERIALS

Concrete:	
Structural Wearing Surface	Class "LP"
Barriers, Curbs, Sidewalks & Transition	on Barriers Class "LP"
Seals.	
Reinforcing Steel	Class "A"
	ASTM A 615/A 615M, Grade 60
Structural Steel:	·
All Material (except as noted)	ASTM A 709, Grade 50W
	ASTM A 325. Type 3

### BASIC DESIGN STRESSES

Concrete	<b>-</b>
Treast concrete:	f 'ci = XX psi
Reinforcing Steel	f $y = 60,000 \text{ psi}$
Prestressing Strand	
Structural Steel:	
ASTM A 709, Grade 50W	$F y = 50,000 psi$
ASTM A 709, Grade 36	<del>-</del>
ASTM A 325	$F \mu = 120,000 \text{ psi}$

VIN 21553.00

SHEET NUMBER

1

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